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**In the Claims:**

1. Cancelled.
2. Cancelled.
3. Cancelled.
4. Cancelled.
5. Cancelled.
6. Cancelled.
7. Cancelled.
8. Cancelled.
9. Cancelled.
10. Cancelled.
11. Cancelled.
12. Cancelled.
13. Cancelled.
14. Cancelled.
15. Cancelled.
16. Cancelled.
17. Cancelled.
18. Cancelled.
19. Cancelled.
20. Cancelled.
21. Cancelled.
22. (New)

A device for calibrating a CT machine, said device comprising:

- a housing member adapted to pass through an CT machine;
- a core member positioned in said housing, said core member having a first surface and an opposite second surface;
- a plurality of cylinder members positioned in said foam core;
- said cylinder members each having a different length and each having a

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constant cross-section throughout said length;

each of said cylinder members having a first portion adjacent said first surface; and

at least one of said cylinder members having a second portion adjacent said second surface.

23. (New) The device as described in claim 22 wherein said CT machine has a field of view and wherein said plurality of cylinder members are uniformly positioned spatially in said foam core thereby allowing calibration of the CT machine substantially across the entire field of view.

24. (New) The device as described in claim 22 wherein five cylinder members are provided.

25. (New) The device as described in claim 24 wherein said five cylinder members are positioned in a hub-and-spoke type arrangement and said at least one of said cylinder members is positioned substantially in the center of said arrangement.

26. (New) The device as described in claim 22 wherein said core member is made from a foam material.

27. (New) The device as described in claim 22 wherein two cylinder members are provided.

28. (New) The device as described in claim 22 wherein said core member has a longitudinal axis and one of said cylinder members is positioned substantially along said longitudinal axis.

29. (New) The device as described in claim 22 wherein said cylinder members are made from a plastic material.

30. (New) The device as described in claim 22 wherein said core member has a substantially rectangular cross section and a longitudinal axis, and wherein five cylinder members are provided.

31. (New) The device as described in claim 30 wherein one of said cylinder members is positioned along said longitudinal axis and the other four

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cylinder members are positioned adjacent the four corners of said rectangular shaped core member.

32. (New) The device as described in claim 31 wherein said at least one of said cylinder members which has a first portion adjacent said first surface and a second portion adjacent said second surface is positioned substantially along said longitudinal axis.

33. (New) The device as described in claim 22 wherein said housing member has a recess and said core member is positioned in said recess.

34. (New) The device as described in claim 33 further comprising a cover member for enclosing said core member in said recess.

35. (New) The device as described in claim 22 wherein said housing member has a lead-in member at least at one end adapted to facilitate passage through said CT machine.

36. (New) The device as described in claim 35 wherein said housing member has a lead-in member at two opposing ends.

37. (New) The device as described in claim 22 wherein said core member is made from a foam material, and said cylinder members are made from a Delrin<sup>TM</sup> material.